

# PALM INTRANET

Day: Tuesday Date: 3/1/2005 Time: 13:42:08

# **Inventor Information for 10/736732**

Inventor Name	City	State/Country
<u>LIU, BAOSHUN</u>	BEIJING	CHINA
Apple Info Contents Petition Info	Atty/Agent Info	Continuity Data Foreign Data
Search Another: Application#	Search or	Patent# Search
PCT /	Search or PG	PUBS # Search
Attorney Docket #		Search
Bar Code #	Search	

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Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
Li	594	((514/262:1) or (544/256)).CCLS.	US-PGPUB; USPAT	OR	OFF	2005/03/01 12:48
L2	107	1 and \$methylpiperaz\$	US-PGPUB; USPAT	OR	ON	2005/03/01 12:50
	15		US-PGPUB; USPAT	OR	ON	2005/03/01 12:50

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
11	942		US-PGPUB; USPAT	UN.		2005/03/01 15:15
L2	28	1 and \$dimethylpiperaz\$	US-PGPUB; USPAT	OR	ON	2005/03/01 15:16

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1 L2		(("5250534") or ("5346901") or ("5719283") or ("6225315") or ("6200980") or ("6476078") or ("6743799") or ("20040106629")). PN. ("6548508").PN.	USPAT	OR OR	OFF OFF	2005/03/01 13:27
L3	9	1.2	US-PGPUB; USPAT			2005/03/01 13:28

Connecting via Winsock to STN

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Welcome to STN International! Enter x:x
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LOGINID: ssspta1611txm

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

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         SEP 01 New pricing for the Save Answers for SciFinder Wizard within
                 STN Express with Discover!
         OCT 28 KOREAPAT now available on STN
NEWS 4
NEWS
      5 NOV 30 PHAR reloaded with additional data
         DEC 01 LISA now available on STN
NEWS
      6
      7 DEC 09 12 databases to be removed from STN on December 31, 2004
8 DEC 15 MEDLINE update schedule for December 2004
NEWS
NEWS
     9 DEC 17 ELCOM reloaded; updating to resume; current-awareness
NEWS
                 alerts (SDIs) affected
NEWS 10 DEC 17 COMPUAB reloaded; updating to resume; current-awareness
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NEWS 11 DEC 17 SOLIDSTATE reloaded; updating to resume; current-awareness
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NEWS 12 DEC 17 CERAB reloaded; updating to resume; current-awareness
                 alerts (SDIs) affected
NEWS 13 DEC 17 THREE NEW FIELDS ADDED TO IFIPAT/IFIUDB/IFICDB
NEWS 14 DEC 30 EPFULL: New patent full text database to be available on STN
NEWS 15 DEC 30 CAPLUS - PATENT COVERAGE EXPANDED
NEWS 16 JAN 03 No connect-hour charges in EPFULL during January and
                 February 2005
NEWS 17 FEB 25
                 CA/CAPLUS - Russian Agency for Patents and Trademarks
                  (ROSPATENT) added to list of core patent offices covered
                 STN Patent Forums to be held in March 2005
NEWS 18 FEB 10
NEWS 19 FEB 16
                 STN User Update to be held in conjunction with the 229th ACS
                 National Meeting on March 13, 2005
NEWS 20 FEB 28
                 PATDPAFULL - New display fields provide for legal status
                 data from INPADOC
NEWS
      21 FEB 28
                 BABS - Current-awareness alerts (SDIs) available
NEWS 22 FEB 28 MEDLINE/LMEDLINE reloaded
NEWS EXPRESS JANUARY 10 CURRENT WINDOWS VERSION IS V7.01a, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 10 JANUARY 2005
NEWS HOURS
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              General Internet Information
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              Welcome Banner and News Items
NEWS PHONE
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NEWS WWW
              CAS World Wide Web Site (general information)
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FILE 'HOME' ENTERED AT 13:02:29 ON 01 MAR 2005

=> file reg FILE 'REGISTRY' ENTERED AT 13:02:34 ON 01 MAR 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 27 FEB 2005 HIGHEST RN 838819-79-7 DICTIONARY FILE UPDATES: 27 FEB 2005 HIGHEST RN 838819-79-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at: http://www.cas.org/ONLINE/DBSS/registryss.html

=> Uploading C:\Program Files\Stnexp\Queries\10736732a.str

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16 19 20 21 29 31 32 35 36
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 23 24 25 26 27 28
chain bonds :
2-10 6-31 7-19 20-21 23-29 25-36 27-35 31-32
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14
14-15 23-24 23-28 24-25 25-26 26-27 27-28
exact/norm bonds :
4-5 4-7 5-9 6-31 7-8 7-19 8-9 20-21 23-24 23-28 23-29 24-25 25-26
25-36 26-27 27-28 27-35
exact bonds :
2-10 31-32
normalized bonds :
1-2 1-6 2-3 3-4 5-6 10-11 10-15 11-12 12-13 13-14 14-15
isolated ring systems :
containing 23 :
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G1:CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

# Match level: 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS 31:CLASS 32:CLASS 33:CLASS 33:CLASS 35:CLASS 36:CLASS

## L1 STRUCTURE UPLOADED

```
chain nodes :
16 19 20 21 29 31 32 35
ring nodes :
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 23 24
                                                    25 26
                                                           27 28
chain bonds :
2-10 6-31
         7-19 20-21 23-29 26-35 31-32
ring bonds :
1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 10-11 10-15 11-12
                                                              12-13 13-14
14-15 23-24 23-28 24-25 25-26 26-27 27-28
exact/norm bonds :
4-5 4-7 5-9 6-31 7-8 7-19 8-9 20-21 23-24 23-28 23-29 24-25 25-26
26-27 27-28
exact bonds :
2-10 26-35 31-32
normalized bonds :
1-2 1-6 2-3 3-4 5-6 10-11 10-15 11-12 12-13 13-14 14-15
isolated ring systems :
containing 23 :
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G1:CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS 31:CLASS 32:CLASS 33:CLASS 33:CLASS 35:CLASS

L2 STRUCTURE UPLOADED

=> s 12 sample; s 11 subset = 13 sample SAMPLE SEARCH INITIATED 13:03:49 FILE 'REGISTRY' SAMPLE SCREEN SEARCH COMPLETED - 35 TO ITERATE

100.0% PROCESSED 35 ITERATIONS 5 ANSWERS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE \*\*COMPLETE\*\*
BATCH \*\*COMPLETE\*\*

PROJECTED ITERATIONS: 346 TO 1054
PROJECTED ANSWERS: 5 TO 234

L3 5 SEA SSS SAM L2

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SAMPLE SUBSET SCREEN SEARCH COMPLETED - 5 TO ITERATE

100.0% PROCESSED 5 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

PROJECTIONS (WITHIN SPECIFIED SUBSET): ONLINE \*\*COMPLETE\*\*
PROJECTED ITERATIONS (WITHIN SPECIFIED SUBSET): 5 TO 234
PROJECTED ANSWERS (WITHIN SPECIFIED SUBSET): 0 TO 0

L4 0 SEA SUB=L3 SSS SAM L1

=> d 13 scan

L3 5 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN Piperazine, 1-[[3-[4,7-dihydro-1-[(1-methyl-1H-1,2,4-triazol-5-yl)methyl]7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-propoxyphenyl]sulfonyl]4-methyl- (9CI)

MF C26 H35 N9 O4 S

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):4

L3 REGISTRY COPYRIGHT 2005 ACS on STN 5 ANSWERS

Benzenepropanoic acid, 2-[(2S)-2-hydroxy-3-[(1-methylethyl)amino]propoxy]-IN , ethyl ester, hydrochloride, mixt. with 1-[[3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-4methylpiperazine (9CI)

C22 H30 N6 O4 S . C17 H27 N O4 . Cl H MF

MXS CI

> CM 1

CM2

Absolute stereochemistry. Rotation (-).

HC1

L3 5 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

5 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN Piperazine, 1-[[3-[1-[(4-chlorophenyl)methyl]-4,7-dihydro-7-oxo-3-propyl-IN 1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-propoxyphenyl]sulfonyl]-4-methyl-(9CI)

C29 H35 Cl N6 O4 S MF

L3 5 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

IN 1-Piperazinepropanoic acid, 4-[[3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-propoxyphenyl]sulfonyl]- (9CI)

MF C25 H34 N6 O6 S

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

L3 5 ANSWERS REGISTRY COPYRIGHT 2005 ACS on STN

# \*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

#### ALL ANSWERS HAVE BEEN SCANNED

=> s 12 full; s 11 subset = 14 full

FULL SEARCH INITIATED 13:05:08 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 808 TO ITERATE

100.0% PROCESSED 808 ITERATIONS 148 ANSWERS

SEARCH TIME: 00.00.01

L5 148 SEA SSS FUL L2

FULL SUBSET SEARCH INITIATED 13:05:09 FILE 'REGISTRY'
FULL SUBSET SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS

SEARCH TIME: 00.00.01

L6 0 SEA SUB=L4 SSS FUL L1

=> Uploading C:\Program Files\Stnexp\Queries\10736732.str

chain nodes :

16 19 20 21 29 31 32 35

ring nodes :

chain bonds :

2-10 6-31 7-19 20-21 23-29 26-35 31-32

ring bonds :

1-2 1-6 2-3 3-4 4-5 4-7 5-6 5-9 7-8 8-9 10-11 10-15 11-12 12-13 13-14 14-15 23-24 23-28 24-25 25-26 26-27 27-28 exact/norm bonds : 4-5 4-7 5-9 6-31 7-8 7-19 8-9 20-21 23-24 23-28 23-29 24-25 25-26 26-27 27-28 exact bonds : 2-10 26-35 31-32 normalized bonds : 1-2 1-6 2-3 3-4 5-6 10-11 10-15 11-12 12-13 13-14 14-15 isolated ring systems : containing 23 : G1:CH3,Et,n-Pr,i-Pr,n-Bu,i-Bu,s-Bu,t-Bu Match level : 1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 11:Atom 12:Atom 13:Atom 14:Atom 15:Atom 16:CLASS 17:CLASS 19:CLASS 20:CLASS 21:CLASS 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom 28:Atom 29:CLASS 31:CLASS 32:CLASS 33:CLASS 34:CLASS 35:CLASS L7 STRUCTURE UPLOADED => s l1 subset = 15 ENTER SUBSET SEARCH SCOPE - SAMPLE, FULL, RANGE, OR (END): full FULL SUBSET SEARCH INITIATED 13:07:46 FILE 'REGISTRY' FULL SUBSET SCREEN SEARCH COMPLETED - 148 TO ITERATE 1 ANSWERS 148 ITERATIONS 100.0% PROCESSED SEARCH TIME: 00.00.01 1 SEA SUB=L5 SSS FUL L1 L8 => d ide cbib pi ANSWER 1 OF 1 REGISTRY COPYRIGHT 2005 ACS on STN 496835-35-9 REGISTRY RN Piperazine, 1-[[3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-CNd]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-3,5-dimethyl-, (3R,5S)-rel-(9CI) (CA INDEX NAME) FS STEREOSEARCH C23 H32 N6 O4 S MF SR STN Files: CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL LCDT.CA CAplus document type: Patent Roles from patents: BIOL (Biological study); PREP (Preparation); USES RL.P (Uses)

Relative stereochemistry.

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1 REFERENCES IN FILE CA (1907 TO DATE)
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1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

```
REFERENCE 1: 138:153550 Preparation of pyrazolopyrimidine derivatives for
      treatment of impotence. Liu, Baoshun (Peop. Rep. China). PCT Int. Appl.
      WO 2003016313 A1 20030227, 20 pp. DESIGNATED STATES: W: AE, AG, AL, AM,
      AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW, AM, AZ, BY, KG, KZ, MD, DE, TT, TM, DW, AT, BE, BE, BT, CE, CG, CL, CT, CM, CV, DE, DK, EG, EI
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      PRIORITY: CN 2001-129691 20010629; CN 2002-100198 20020118.
                                                     APPLICATION NO. DATE
      PATENT NO.
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SEARCH TIME: 00.00.01

L9 6 SEA SUB=L5 SSS FUL L7

=> d 1-6 ide cbib pi

L9 ANSWER 1 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN

RN 586350-07-4 REGISTRY

CN Piperazine, 1-[[3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-, nitrate (9CI) (CA INDEX NAME)

6 ANSWERS

MF C21 H28 N6 O4 S . x H N O3

SR CA

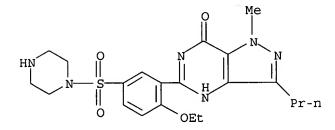
LC STN Files: CA, CAPLUS, TOXCENTER

DT.CA CAplus document type: Patent

RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

CM 1

CRN 139755-82-1 CMF C21 H28 N6 O4 S



CM 2

CRN 7697-37-2 CMF H N O3



1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 139:214237 Preparation of nitrate prodrugs able to release nitric oxide in a controlled and selective way and their use for prevention and treatment of inflammatory, ischemic and proliferative diseases. Scaramuzzino, Giovanni (Italy). Eur. Pat. Appl. EP 1336602 A1 20030820, 313 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR. (English). CODEN: EPXXDW. APPLICATION: EP 2002-425075 20020213.

PATENT NO. KIND DATE APPLICATION NO. ----------EP 1336602 A1 20030820 EP 2002-425075 20020213 PΙ R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR ANSWER 2 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN L9 RN

496835-35-9 REGISTRY

- Piperazine, 1-[[3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-CN d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]-3,5-dimethyl-, (3R,5S)-rel-(9CI) (CA INDEX NAME)
- FS STEREOSEARCH
- MF C23 H32 N6 O4 S
- SR CA
- CA, CAPLUS, CASREACT, TOXCENTER, USPATFULL STN Files: LC

DT.CA CAplus document type: Patent

Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

Relative stereochemistry.

\*\*PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT\*\*

1 REFERENCES IN FILE CA (1907 TO DATE)

1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 138:153550 Preparation of pyrazolopyrimidine derivatives for treatment of impotence. Liu, Baoshun (Peop. Rep. China). PCT Int. Appl. WO 2003016313 A1 20030227, 20 pp. DESIGNATED STATES: W: AE, AG, AL, AM, RU, TJ, TM; RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, CY, DE, DK, ES, FI, FR, GA, GB, GR, IE, IT, LU, MC, ML, MR, NE, NL, PT, SE, SN, TD, TG, TR. (Chinese). CODEN: PIXXD2. APPLICATION: WO 2002-CN433 20020621. PRIORITY: CN 2001-129691 20010629; CN 2002-100198 20020118. APPLICATION NO. DATE KIND DATE PATENT NO. WO 2002-CN433 20020621 WO 2003016313 A1 20030227 PΙ W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS,

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US 2004152709
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- L9 ANSWER 3 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 396724-35-9 REGISTRY
- CN Piperazine, 1-[[3-[3-(1,1-dimethylethyl)-4,7-dihydro-1-methyl-7-oxo-1H-pyrazolo[4,3-d]pyrimidin-5-yl]-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)
- FS 3D CONCORD
- MF C22 H30 N6 O4 S
- SR Chemical Library
- LC STN Files: CHEMCATS

- L9 ANSWER 4 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN
- RN 139755-93-4 REGISTRY
- CN Piperazine, 1-[[3-(4,7-dihydro-1,3-dimethyl-7-oxo-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)
  OTHER CA INDEX NAMES:
- CN 1H-Pyrazolo[4,3-d]pyrimidine, piperazine deriv.
- FS 3D CONCORD
- MF C19 H24 N6 O4 S
- SR CA
- LC STN Files: CA, CAPLUS, TOXCENTER, USPATZ, USPATFULL
- DT.CA CAplus document type: Patent
- RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)

- 3 REFERENCES IN FILE CA (1907 TO DATE)
- 3 REFERENCES IN FILE CAPLUS (1907 TO DATE)

REFERENCE 1: 136:335540 Use of PDE V inhibitors for improved fecundity in mammals. Westbrook, Simon Lempriere; Zanzinger, Johannes Friedrich (Pfizer Limited, UK; Pfizer Inc.). Eur. Pat. Appl. EP 1199070 A2 20020424, 20 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR. (English). CODEN: EPXXDW. APPLICATION: EP 2001-308684 20011011. PRIORITY: GB 2000-25782 20001020.

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REFERENCE 2: 134:222726 Preparation of phenyl purinone derivatives for the treatment of precancerous lesions. Piazza, Gary A.; Pamukcu, Rifat (Cell Pathways, Inc., USA). U.S. US 6200980 B1 20010313, 31 pp., Cont. of U.S. Ser. No. 472,804. (English). CODEN: USXXAM. APPLICATION: US 1997-842854 19970417. PRIORITY: US 1995-472804 19950607.

REFERENCE 3: 116:255626 Preparation of pyrazolo[4,3-d]pyrimidin-7-ones as cardiovascular agents. Bell, Andrew Simon; Brown, David; Terrett, Nicholas Kenneth (Pfizer Ltd., UK; Pfizer Inc.). Eur. Pat. Appl. EP 463756 A1 19920102, 26 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE. (English). CODEN: EPXXDW. APPLICATION: EP 1991-305137 19910607. PRIORITY: GB 1990-13750 19900620.

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ΡI	EP 463756	A1	19920102	EP 1991-305137	19910607
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    ANSWER 5 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN
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CA, CAPLUS, TOXCENTER, USPATZ, USPATFULL

Roles from patents: BIOL (Biological study); PREP (Preparation); USES

R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE

DT.CA CAplus document type: Patent

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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**
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REFERENCE 2: 134:222726 Preparation of phenyl purinone derivatives for the treatment of precancerous lesions. Piazza, Gary A.; Pamukcu, Rifat (Cell Pathways, Inc., USA). U.S. US 6200980 B1 20010313, 31 pp., Cont. of U.S. Ser. No. 472,804. (English). CODEN: USXXAM. APPLICATION: US 1997-842854 19970417. PRIORITY: US 1995-472804 19950607.

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REFERENCE 3: 134:141774 Methods, pharmaceutical compositions comprising cyclic guanosine 3',5'-monophosphate phosphodiesterase type 5 inhibitors for prophylactic and treatment of diseases and conditions of the eye.

Laties, Alan Malev (Pfizer Products Inc., USA). Eur. Pat. Appl. EP 1074258 A2 20010207, 9 pp. DESIGNATED STATES: R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO. (English). CODEN: EPXXDW. APPLICATION: EP 2000-306235 20000721. PRIORITY: US 1999-PV146095 19990728.

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L9 ANSWER 6 OF 6 REGISTRY COPYRIGHT 2005 ACS on STN

RN 139755-82-1 REGISTRY

CN Piperazine, 1-[[3-(4,7-dihydro-1-methyl-7-oxo-3-propyl-1H-pyrazolo[4,3-d]pyrimidin-5-yl)-4-ethoxyphenyl]sulfonyl]- (9CI) (CA INDEX NAME)
OTHER CA INDEX NAMES:

CN 1H-Pyrazolo[4,3-d]pyrimidine, piperazine deriv.

OTHER NAMES:

CN desmethylsildenafil

CN UK 103320

FS 3D CONCORD

MF C21 H28 N6 O4 S

CI COM

SR CA

LC STN Files: ANABSTR, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, TOXCENTER, USPAT2, USPATFULL

DT.CA Caplus document type: Journal; Patent

RL.P Roles from patents: ANST (Analytical study); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

RL.NP Roles from non-patents: ANST (Analytical study); BIOL (Biological study); FORM (Formation, nonpreparative); OCCU (Occurrence); PROC (Process); PRP (Properties); USES (Uses)

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#### => FIL REGISTRY

FILE 'REGISTRY' ENTERED AT 13:12:12 ON 01 MAR 2005 USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT. PLEASE SEE "HELP USAGETERMS" FOR DETAILS. COPYRIGHT (C) 2005 American Chemical Society (ACS)

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USPTO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2004
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>>> publications, starting in 2001, for the inventions covered in
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	ANSWER 9 OF 14 US 2002006963	USPATFULL on STN A1 20020117
	ANSWER 10 OF 14 US 2003078303	USPATFULL on STN A1 20030424
	ANSWER 11 OF 14 US 2003018037 US 6748799	USPATFULL on STN A1 20030123 B2 20040601
ΡI	ANSWER 12 OF 14 US 2003018036	USPATFULL on STN A1 20030123 B2 20030415
	ANSWER 13 OF 14 US 2004167095	USPATFULL on STN A1 20040826
		USPATFULL on STN A1 20040603

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ALL L $\sharp$  QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF LOGOFF? (Y)/N/HOLD:.

STN INTERNATIONAL LOGOFF AT 13:14:10 ON 01 MAR 2005